

Converting Colors

XYZ(32.1143, 34.8470, 57.2581)

Have a look what the booklet for
XYZ(32.1143, 34.8470, 57.2581)
contains.

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Color

**XYZ(32.1143, 34.8470,
57.2581)**

Conversions

Conversions Part 1

Format	Color
Hex	81A3C4
RGB	129, 163, 196
RGB Percent	51%, 64%, 77%
CMY	0.4941, 0.3608, 0.2314
CMYK	0.34, 0.17, 0.00, 0.23
HSL	210°, 36%, 64%
HSV	210°, 34%, 77%
XYZ	32.1143, 34.8470, 57.2581
YIQ	156.5960, -30.8570, 3.0550

Conversions

Conversions Part 2

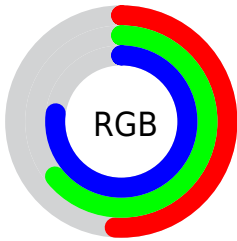
Format	Color
RYB	129, 152, 196
Decimal	8496068
CIELab	65.63, -3.60, -20.69
CIELCh	66, 21.003, 260.126
Yxy	34.8470, 0.2585, 0.2805
Android (android.graphics.Color)	4286686148 (0xFF81A3C4)
YUV	156.5960, 19.4262, -24.2017
Hunter-Lab	59.0313, -6.1971, -16.1870

Details

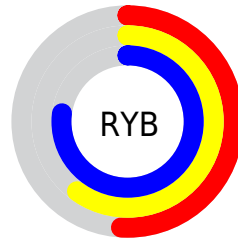
The XYZ color **32.1143, 34.8470, 57.2581** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **39.6485, 39.1622, 26.2395**, and the grayscale version is **31.7929, 33.4486, 36.4256**.

A 20% lighter version of the original color is **62.5682, 67.4250, 102.6451**, and **13.6275, 14.8997, 27.7489** is the 20% darker color. If you saturate the color by 10%, you get **27.7688, 30.1594, 56.5829**, and if you desaturate by 10%, it is **37.1639, 40.0935, 58.0052**.

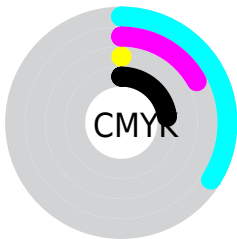
Distribution



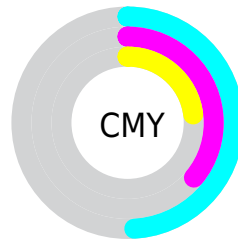
- Red (51%)
- Green (64%)
- Blue (77%)



- Red (51%)
- Yellow (60%)
- Blue (77%)



- Cyan (34%)
- Magenta (17%)
- Yellow (0%)
- Black (23%)



- Cyan (49%)
- Magenta (36%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.1143, 34.8470, 57.2581 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 32.1143, 34.8470, 57.2581 by changing the saturation by 10% instead.

■ 32.1143, 34.8470,
57.2581

■ 32.1143, 34.8470,
57.2581

303.3756,
323.8925, 431.9365

■ 21.6048, 23.5450,
40.8018

■ 62.3542, 67.2487,
102.3458

■ 13.6818, 14.9965,
27.8457

■ 82.8153, 89.1172,
131.8142

■ 7.9799, 8.8169,
17.9713

■ 107.3244,
115.2767, 166.4570

■ 4.1338, 4.6220,
10.7602

136.2467,
146.1115, 206.6928

■ 1.7781, 2.0272,
5.7937

169.9476,
182.0061, 252.9401

■ 0.5044, 0.6232,
2.6533

208.7925,

■ 0.0000, 0.0000,

223.3449, 305.6175

0.9198

253.1467,
270.5122, 365.1434

■ 0.0000, 0.0000,
0.0000

■ 32.1143, 34.8470,
57.2581

■ 32.1143, 34.8470,
57.2581

■ 27.7688, 30.1594,
56.5829

■ 37.1639, 40.0935,
58.0052

■ 24.0885, 26.0038,
55.9748

■ 42.9473, 45.9158,
58.8242

■ 21.0353, 22.3570,
55.4318

■ 49.4963, 52.3353,
59.7182

■ 18.5657, 19.1920,
54.9511

■ 56.8399, 59.3709,
60.6891

■ 16.6296, 16.4780,
54.5293

■ 65.0054, 67.0404,
61.7391

■ 15.1672, 14.1792,
54.1626

■ 74.0187, 75.3609,
62.8701

■ 14.4699, 12.9976,
53.9713

■ 79.6619, 82.1615,
63.8853

■ 82.4323, 87.7023,
64.8087

■ 85.3539, 93.5455,
65.7826

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



29.4622, 34.8470, 52.5287



32.1143, 34.8470, 57.2581



35.2040, 34.8470, 56.2308

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



32.1143, 34.8470, 57.2581



39.0080, 34.8470, 32.3927



28.7745, 34.8470, 28.0611

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



32.1143, 34.8470, 57.2581



39.6485, 39.1622, 26.2395

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



31.1218, 34.8470, 24.1237



32.1143, 34.8470, 57.2581



37.0709, 34.8470, 26.3422

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



32.1143, 34.8470, 57.2581



39.3147, 34.8470, 40.9305



34.1486, 34.8470, 23.5475



27.6146, 34.8470, 35.1035

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



32.1143, 34.8470, 57.2581



37.0924, 34.8470, 52.4692



34.1486, 34.8470, 23.5475



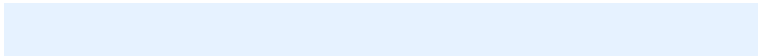
29.4438, 34.8470, 26.3798

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



32.1154, 34.8484, 57.2589



82.4063, 87.7272, 107.1975



35.2610, 46.7346, 41.0590



17.2832, 18.4276, 22.8959



0.0000, 0.0000, 0.0000



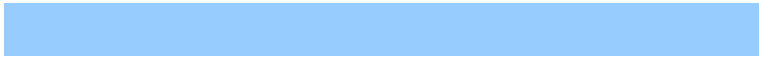
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



32.1154, 34.8484, 57.2589



52.1863, 56.6981, 102.8011



27.0163, 24.6502, 55.5592



9.9413, 10.5739, 12.8018



9.3838, 8.5241, 34.7074



0.4743, 0.5061, 1.5226

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



37.2270, 30.0818, 38.4959



63.0582, 47.5526, 62.6717



46.2171, 52.2994, 28.4290



10.2817, 10.1613, 11.5739



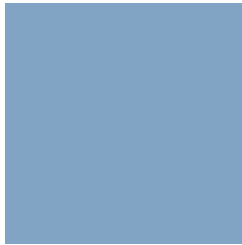
16.1325, 8.1427, 8.6097



0.7318, 0.3657, 0.5551

Previews

White Background



This preview shows how the XYZ color 32.1143, 34.8470, 57.2581 looks on a white background.

Color Contrast Check

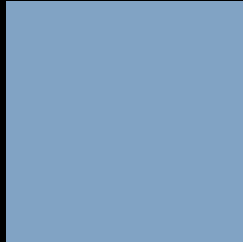
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 32.1143, 34.8470, 57.2581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

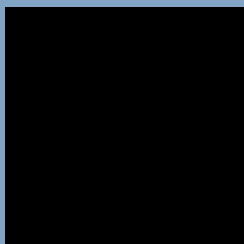
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

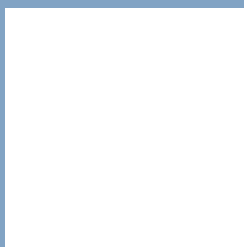
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.1143, 34.8470, 57.2581

Background



This preview shows how black text looks on a background with the XYZ color 32.1143, 34.8470, 57.2581.

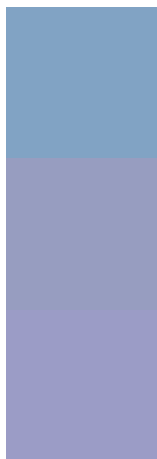


This preview shows how white text looks on a background with the XYZ color 32.1143, 34.8470,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

32.1143, 34.8470, 57.2581

Protanopia

34.3339, 34.4990, 54.7186

Deuteranopia

35.5991, 34.8227, 58.2713



Tritanopia

30.2303, 34.8871, 47.7884

Trichromacy



Original Color

32.1143, 34.8470, 57.2581

Protanomaly

33.3515, 34.4862, 55.3508

Deuteranomaly

34.3302, 34.9385, 57.7577

Tritanomaly

30.8163, 34.8487, 51.0012

Monochromacy



Original Color

32.1143, 34.8470, 57.2581

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

31.7814, 33.9396, 43.4040

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1143, 34.8470, 57.2581 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(129, 163, 196)` looks like.

```
.text, #text, p{  
    color:rgb(129, 163, 196)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(129, 163, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 163, 196) }
```

Border

The CSS property to change the border of an element to XYZ 32.1143, 34.8470, 57.2581 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(129, 163, 196) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(129, 163, 196) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(129, 163, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 163, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 163, 196);  
box-shadow:4px 4px 4px 4px rgb(129, 163,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1143, 34.8470, 57.2581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 163, 196) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(129,  
163, 196) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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